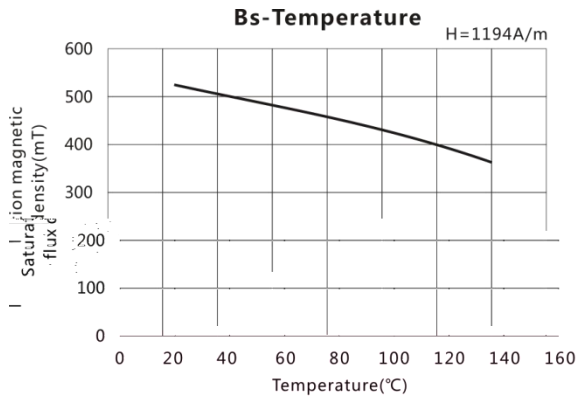


材料 Ma a TP4F

特点 F a

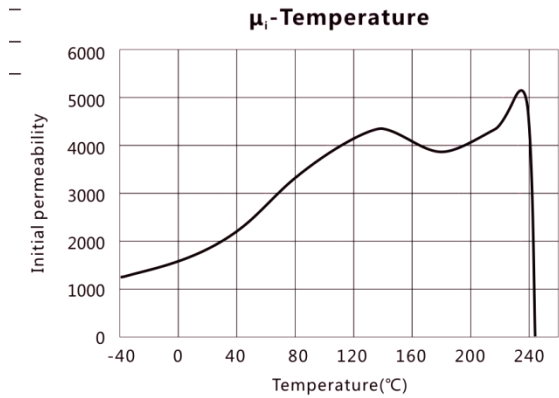
主要应用于高温领域 $^{\circ}\text{C} \sim ^{\circ}\text{C}$ M U a H T a F $^{\circ}\text{C}$ $^{\circ}\text{C}$
 应用于中频段 小于 H U a M F c L a H
 高温高B $^{\circ}\text{C}$ 时B 还有 T H B a H T a Ab T a $^{\circ}\text{C}$
 高温低损耗 L C L a H T a
 功耗最低点在 $^{\circ}\text{C}$ 左右 T M C L A $^{\circ}\text{C}$



Initial permeability	μ_i	25 $^{\circ}\text{C}$	1800 \pm 25%
Saturation magnetic flux density	$B_s(\text{mT})$ 1194A/m	25 $^{\circ}\text{C}$	520
		100 $^{\circ}\text{C}$	430
		140 $^{\circ}\text{C}$	360
Remanence	$B_r(\text{mT})$	25 $^{\circ}\text{C}$	130
		100 $^{\circ}\text{C}$	80
Coercivity	$H_c(\text{A/m})$	25 $^{\circ}\text{C}$	13
		100 $^{\circ}\text{C}$	9
Core loss	$P_{cv}(\text{kW/m}^3)$ 100kHz 200mT	25 $^{\circ}\text{C}$	900
		100 $^{\circ}\text{C}$	500
		140 $^{\circ}\text{C}$	400
Curie temperature	$T_c(^{\circ}\text{C})$		240
Electrical resistivity	$\rho(\Omega\cdot\text{m})$		4
Density	$d(\text{kg/m}^3)$		4.8×10^3

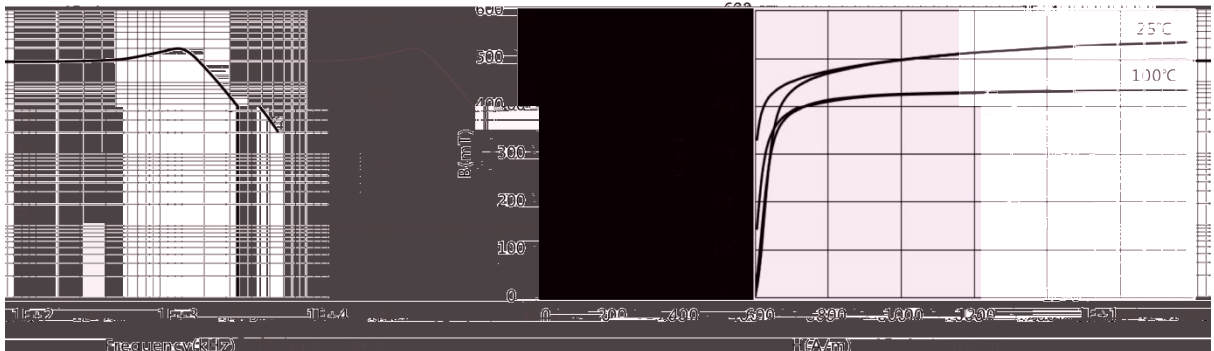
Test core : Toroid(mm)

OD : 25
 ID : 15
 H : 7.5



μ_i -Frequency

B-H



材料 Ma a TP4F

